

Fig. 1

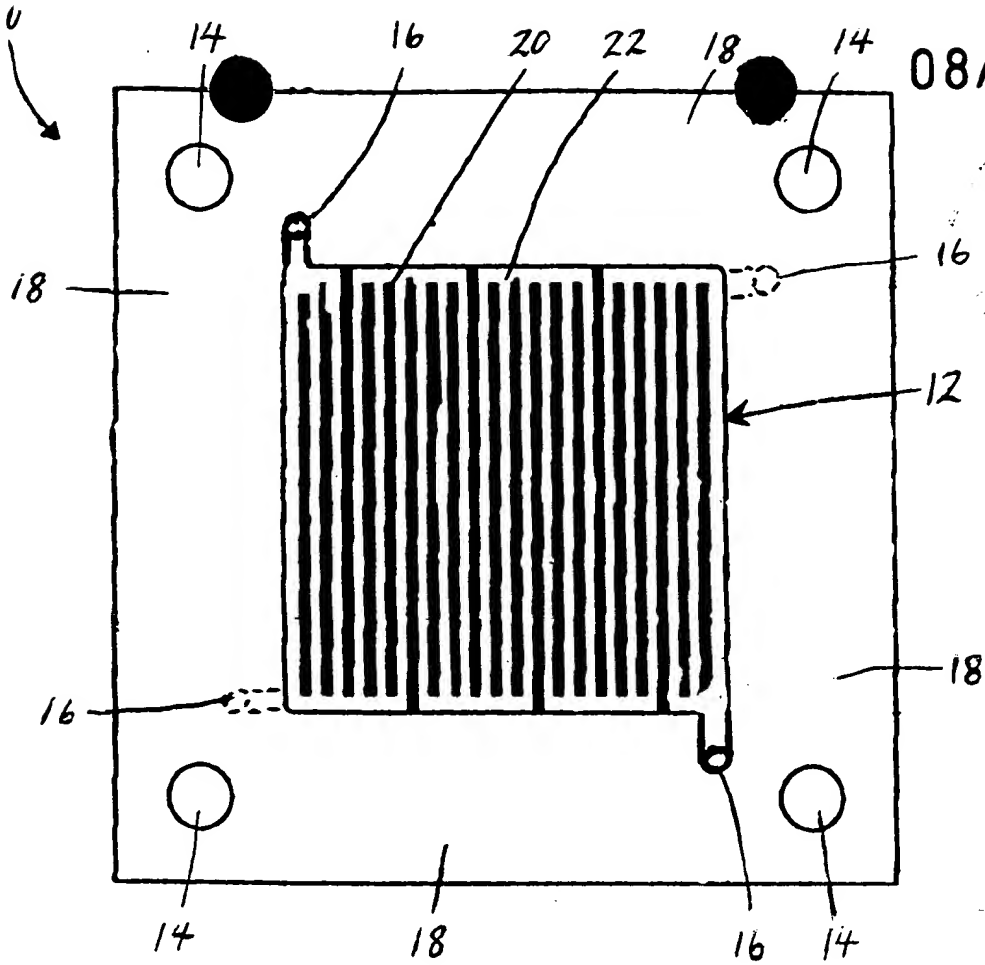


Fig. 2

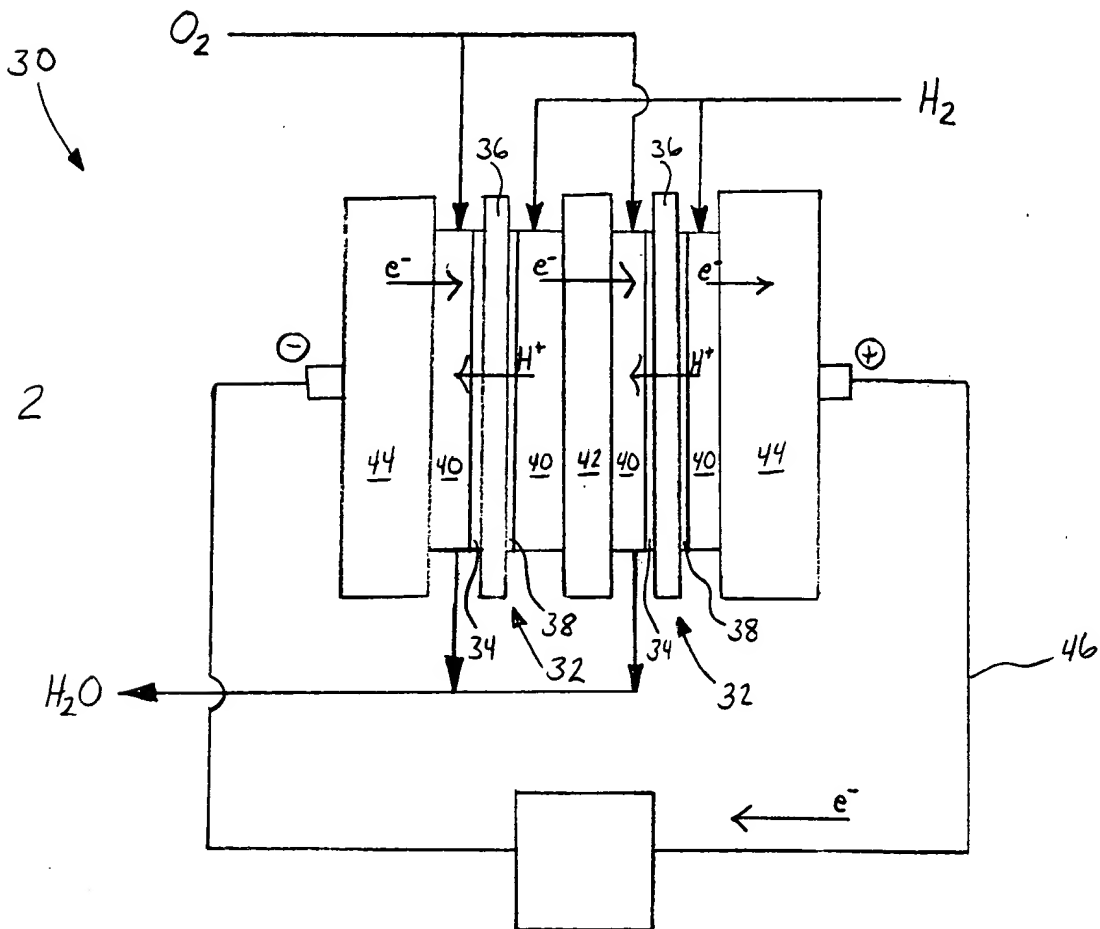


Fig. 3A

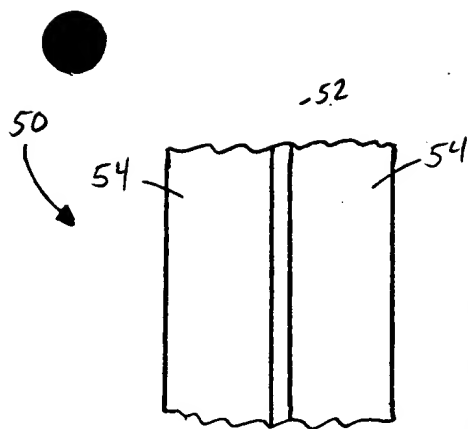


Fig. 3B

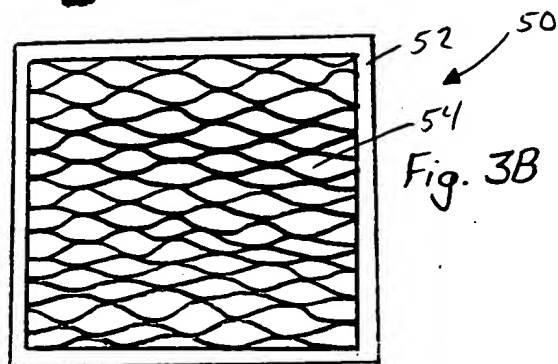


Fig. 4

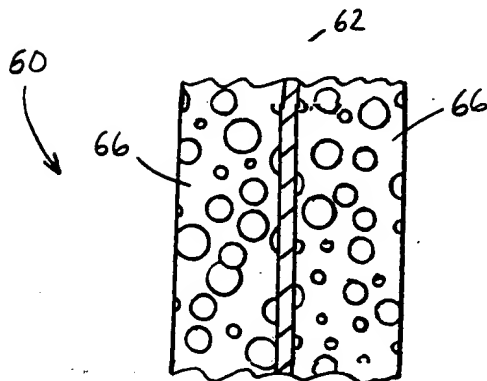


Fig. 5

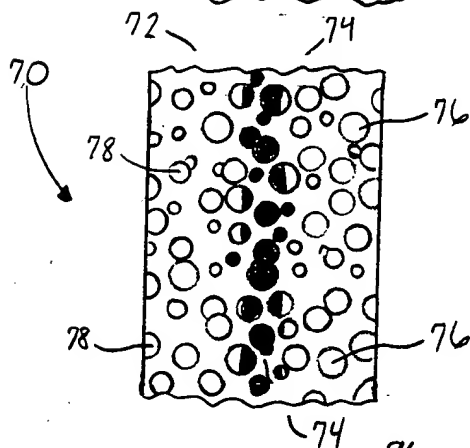
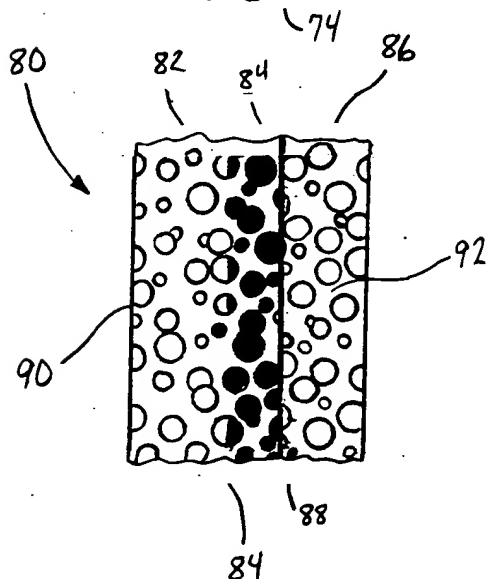


Fig. 6



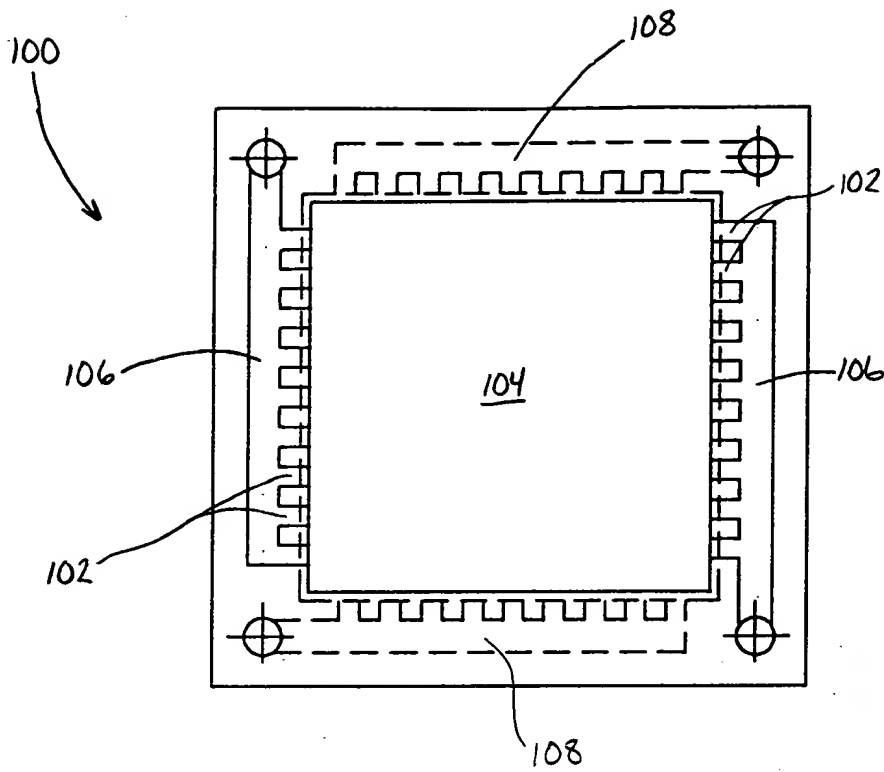


Fig. 7A



Fig. 7B

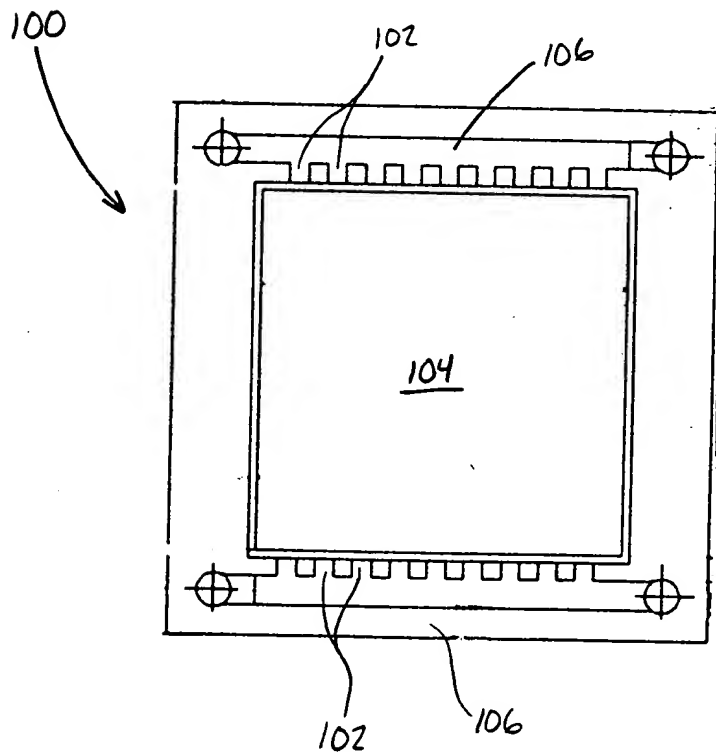


Fig. 8A

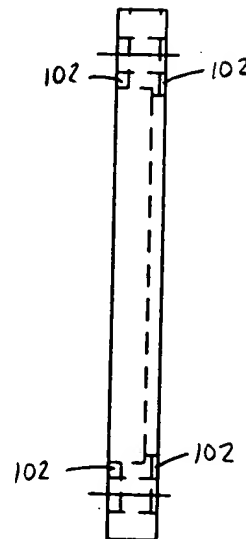


Fig. 8B

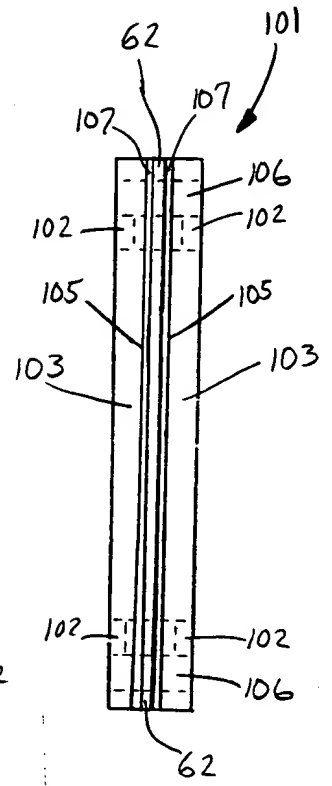
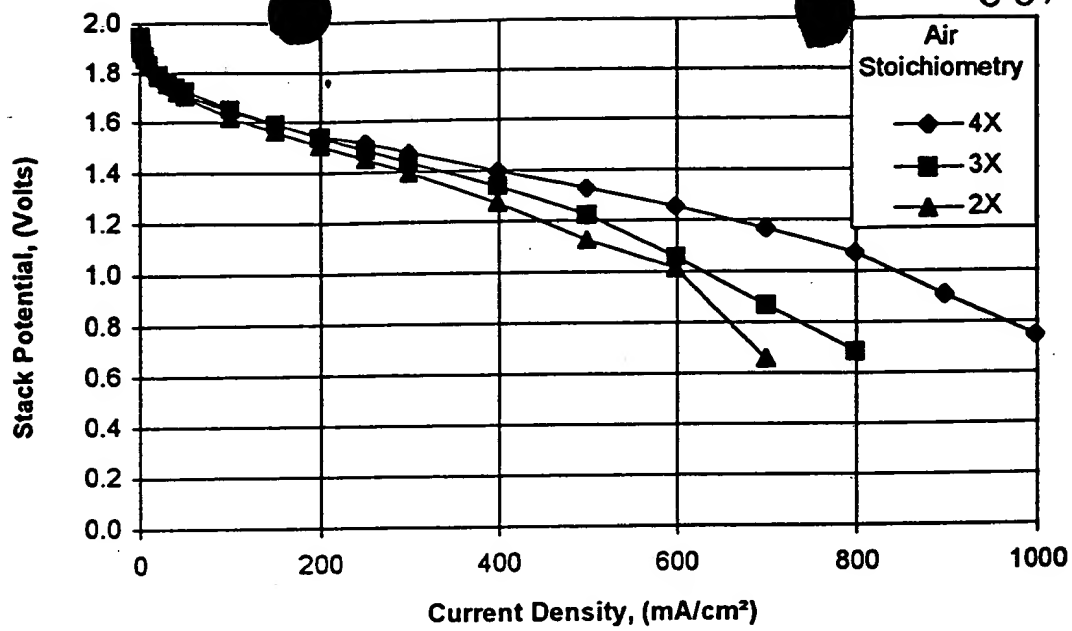
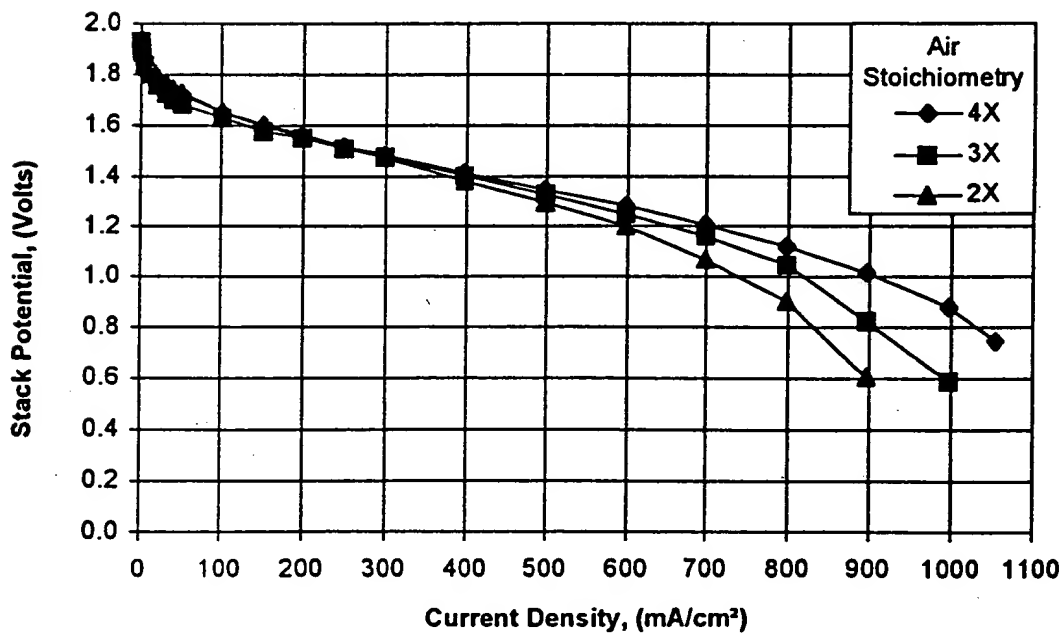


Fig. 9



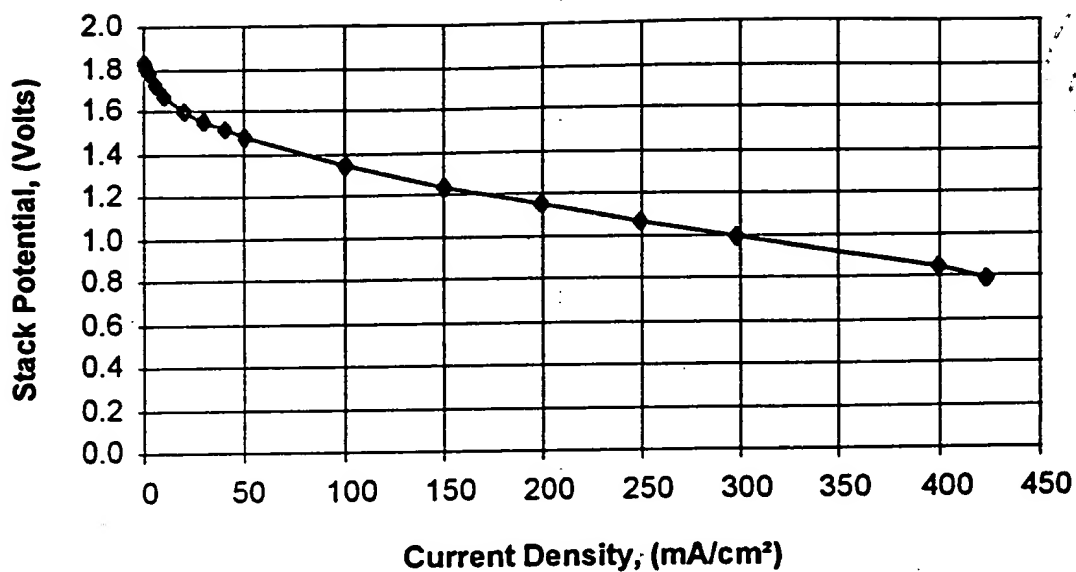
*Expanded Mesh Flowfield/Titanium Barrier*

*Fig. 10*



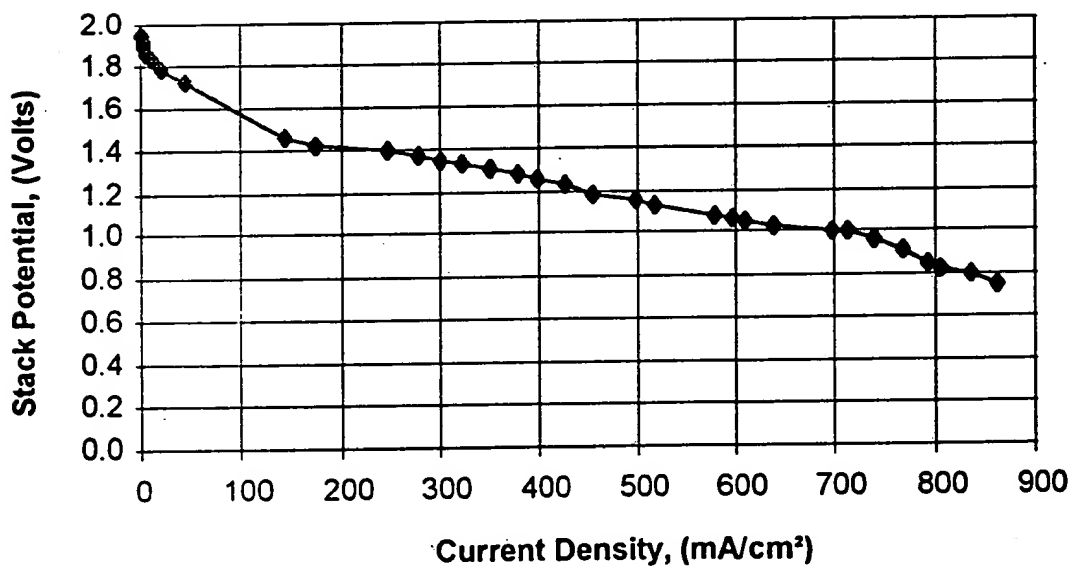
*Foam Flowfield/Titanium Barrier*

*Fig. 11*



*Foam Flowfields w/ Polymer Barrier (ambient pressure)*

*Fig. 12*



*Foam Flowfields w/ Polymer Barrier (30 psig)*

*Fig. 13*

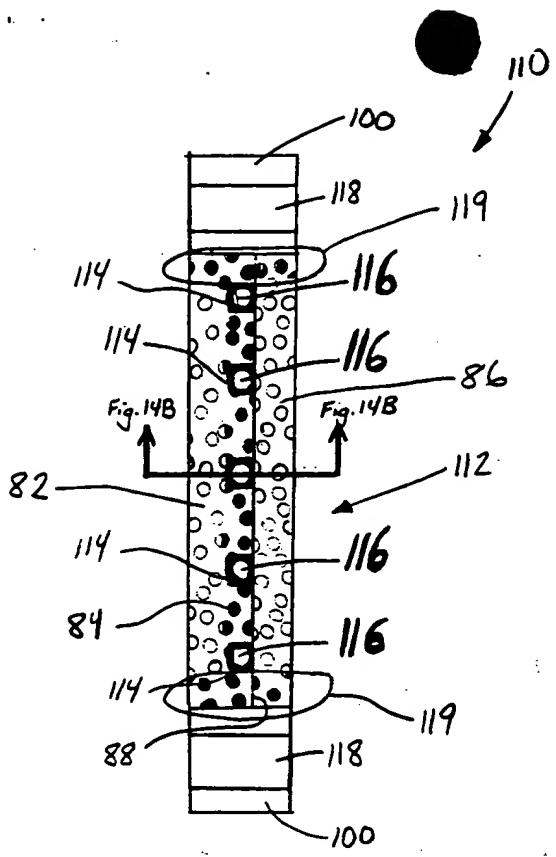


Fig. 14A

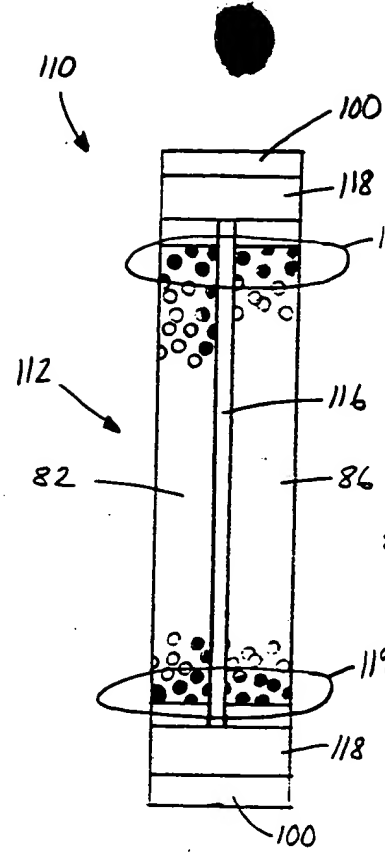


Fig. 14B

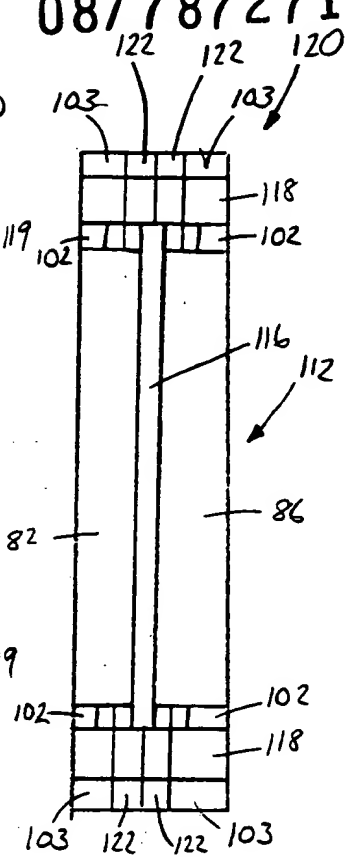


Fig. 15

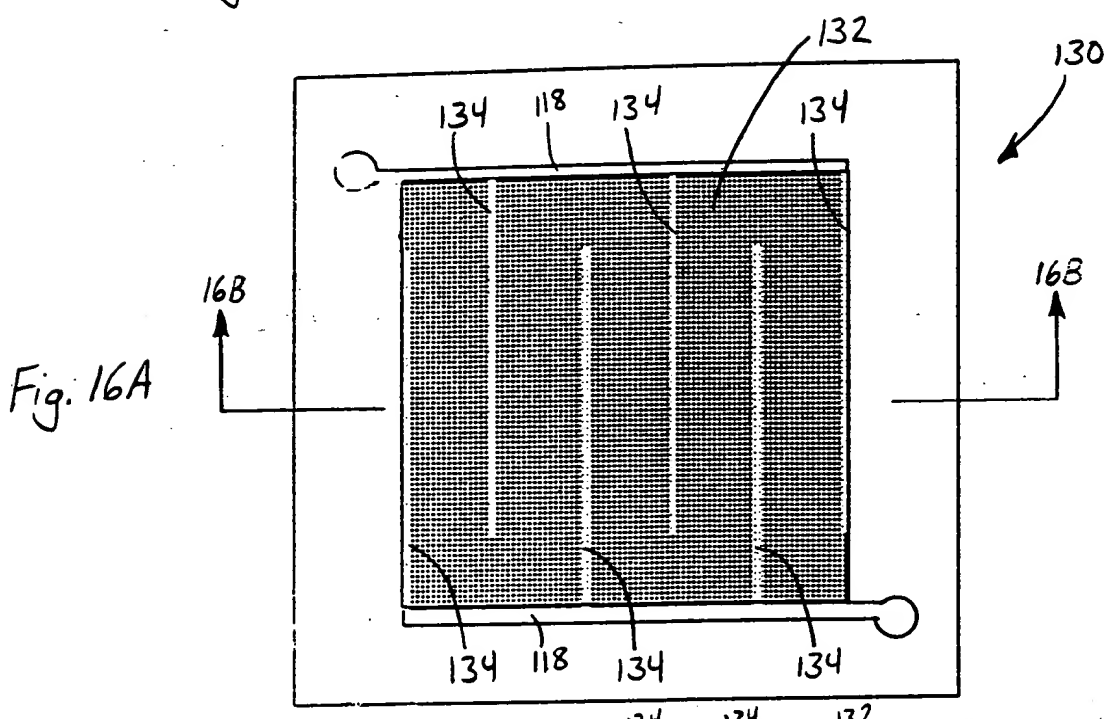


Fig. 16A

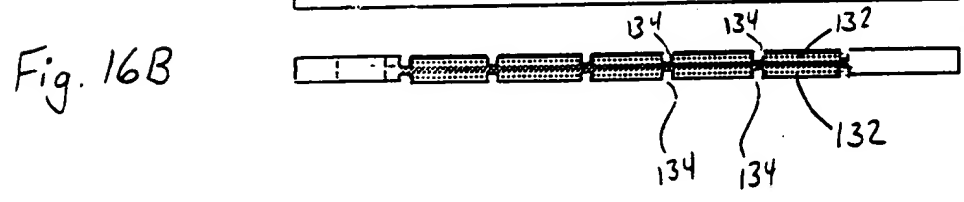


Fig. 16B

Fig. 17

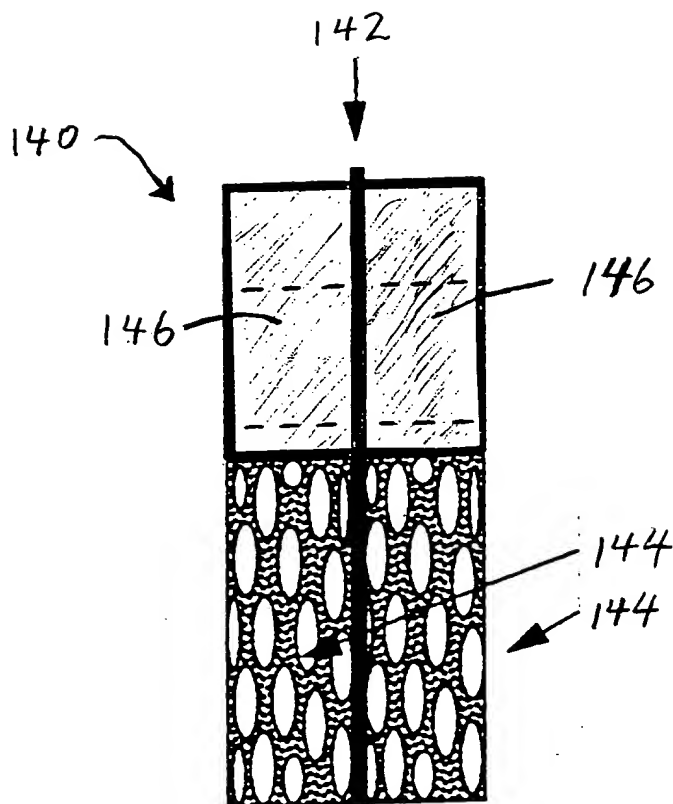


Fig 18

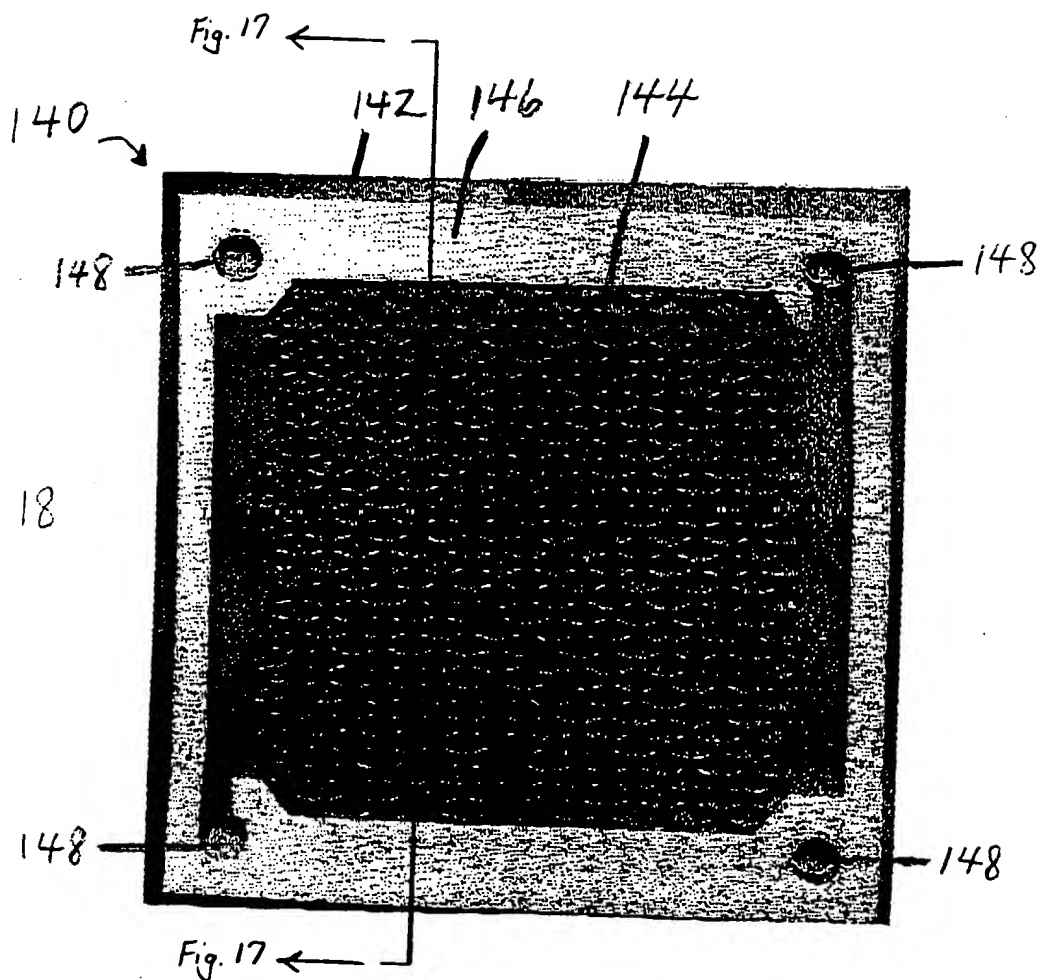
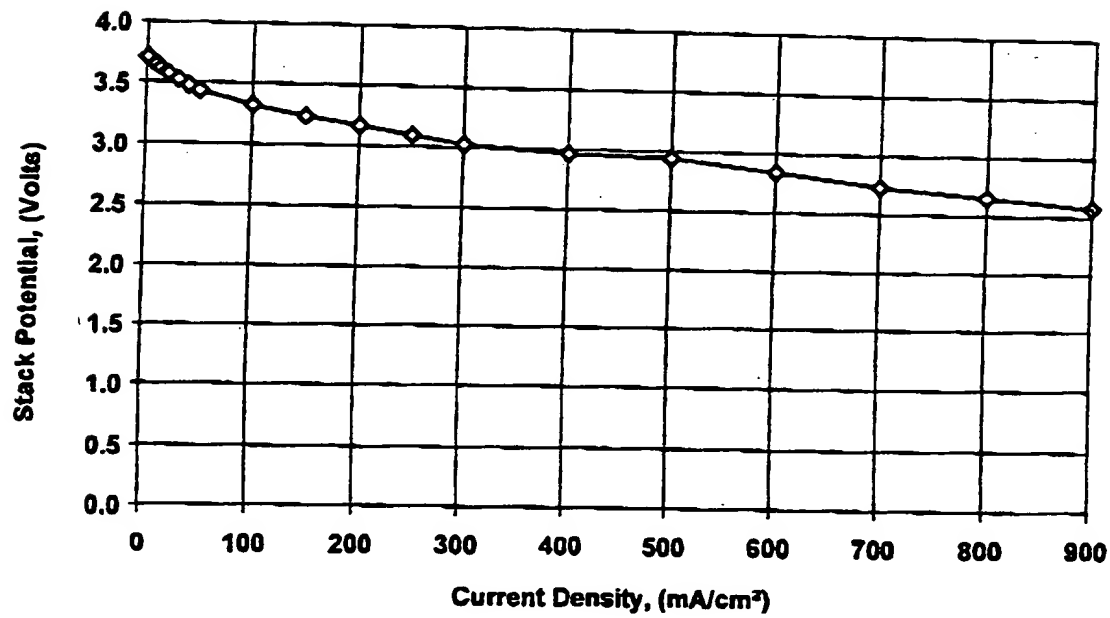
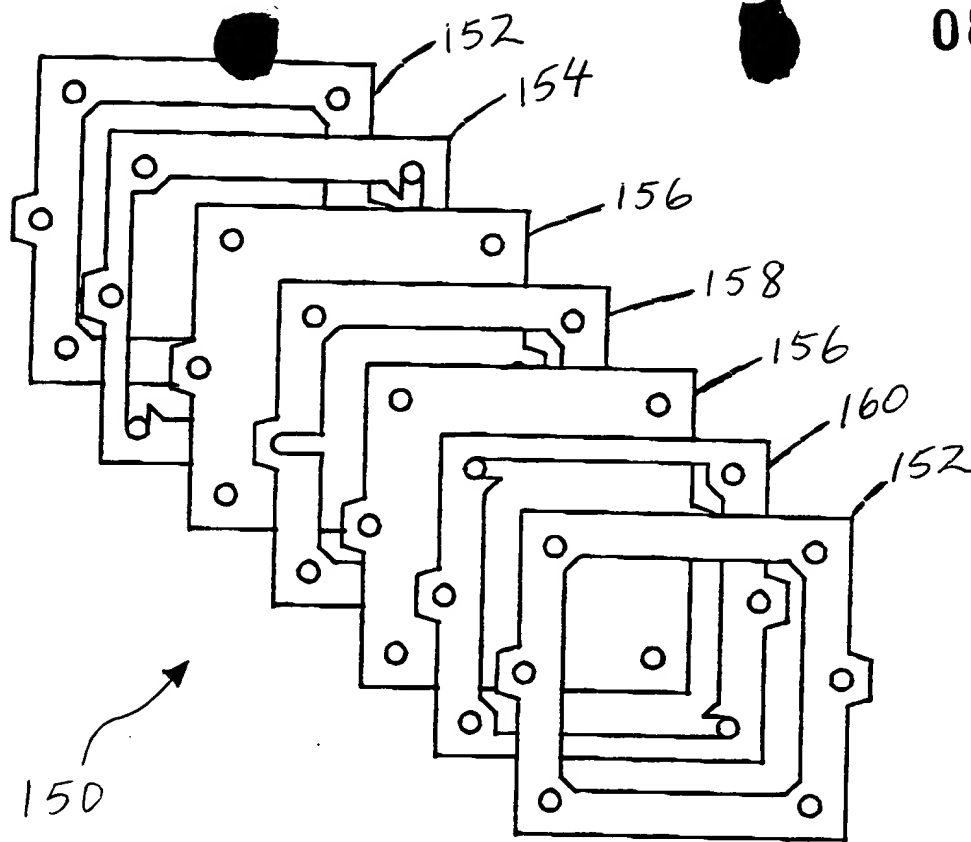


Fig. 19



Four-Cell Fuel Stack

Fig. 20